

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-230149

(43)Date of publication of application : 14.10.1986

(51)Int.Cl.

G03F 7/00

(21)Application number : 60-072218

(71)Applicant : KONISHIROKU PHOTO IND CO
LTD

(22)Date of filing : 04.04.1985

(72)Inventor : NOGAMI AKIRA
KITA NORIYASU

(54) WASH-OFF PROCESSING METHOD

(57)Abstract:

PURPOSE: To obtain stably a sharp image at a wide processing latitude by executing the processing by ≥ 2 wash-off processing baths and making the wash-off speed of the 1st bath higher than the 2nd and subsequent baths.

CONSTITUTION: An image forming material 1 with the image forming layer faced downward is conveyed by conveying rollers 2 and enters the 1st developing part 3. A processing liquid 4 having the high wash-off speed is put into the developing part 3 and is blown from nozzles 5 to the surface of the image forming material. The processing liquid blown thereto is uniformly stuck to the film surface by a brush roller 6, by which the non-image part of the image forming layer is quickly softened and is made easily removable. The non-image part enters in this state the 2nd image developing part 7. The processing liquid 8 having the small wash-off speed is blown from nozzles 9 to the image forming layer in the developing part 7; at the same time, brush rollers 10 rotate to rub the image forming layer to remove the non-image part thereof. The removal of the image forming layer in the non-image part is executed mostly under the gentle conditions of the 2nd developing part with this device and therefore the sharp image is obtd.

